Project Title	Funding	Strategic Plan Objective	Institution
Role of neuroligins in long-term plasticity at excitatory and inhibitory synapses	$57,194	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila	$0	Q4.S.B	Albert Einstein College of Medicine of Yeshiva University
Baby Siblings Research Consortium	$26,634	Q1.Other	Autism Speaks (AS)
Autism Genome Project (AGP)	$2,044,857	Q3.L.B	Autism Speaks (AS)
Autism Genetic Resource Exchange (AGRE)	$1,826,554	Q3.L.B	Autism Speaks (AS)
Bioinformatics support for AGRE	$225,936	Q3.Other	Autism Speaks (AS)
Clinical Trials Network	$121,843	Q4.L.A	Autism Speaks (AS)
Autism Treatment Network (ATN)	$2,938,394	Q4.Other	Autism Speaks (AS)
Autism Tissue Program (ATP)	$428,223	Q7.D	Autism Speaks (AS)
Linking data sources from the Autism Genetic Resource Exchange (AGRE) with NDAR	$490,996	Q7.H	Autism Speaks (AS)
Innovative Technology for Autism	$7,616	Other	Autism Speaks (AS)
Support and recreation for children with autism and their siblings	$17,512	Q5.S.B	C.W. Post Campus of Long Island University
Sensory processing and integration in autism	$593,677	Q2.Other	City College of New York
Neural circuit deficits in animal models of Rett syndrome	$0	Q2.S.D	Cold Spring Harbor Laboratory
Cell-based genomic analysis in mouse models of Rett syndrome	$498,790	Q2.S.D	Cold Spring Harbor Laboratory
Cell type-based genomics of developmental plasticity in cortical GABA interneurons	$252,000	Q2.S.D	Cold Spring Harbor Laboratory
Cellular and molecular alterations in GABAergic inhibitor circuits by mutations in MeCP2	$441,032	Q2.S.D	Cold Spring Harbor Laboratory
Determining the genetic basis of autism by high-resolution analysis of copy number	$351,639	Q3.L.B	Cold Spring Harbor Laboratory
Genetic basis of autism	$6,380,872	Q3.L.B	Cold Spring Harbor Laboratory
Deep sequencing of autism candidate genes in 2000 families from the Simons Simplex Collection	$1,384,503	Q3.L.B	Cold Spring Harbor Laboratory
Systematic analysis of neural circuitry in mouse models of autism	$75,432	Q4.S.B	Cold Spring Harbor Laboratory
Analysis of cortical circuits related to ASD gene candidates	$127,500	Q4.S.B	Cold Spring Harbor Laboratory
Novel models to define the genetic basis of autism	$545,463	Q4.S.B	Cold Spring Harbor Laboratory
Cold Spring Harbor Laboratory faculty recruitment in developmental neurobiology	$719,000	Q7.K	Cold Spring Harbor Laboratory
Characterizing ASD phenotypes by multimedia signal and natural language processing	$65,726	Q1.L.C	Columbia University
Aberrant synaptic function caused by TSC mutation in autism	$173,726	Q2.S.D	Columbia University
Informational and neural bases of empathic accuracy in autism spectrum disorder	$0	Q2.Other	Columbia University

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Distinct function of the neuroligin 3 postsynaptic adhesion complex	$37,784	Q2.Other	Columbia University
Core--Genomics/Bioinformatics--Alzheimer's disease and autism	$136,335	Q3.L.B	Columbia University
Simons Simplex Collection Site	$150,500	Q3.L.B	Columbia University
Social determinants of the autism epidemic	$805,000	Q3.L.C	Columbia University
Molecular determinants of L-type calcium channel gating	$402,500	Q4.S.B	Columbia University
Neurexin-neuroligin trans-synaptic interaction in learning and memory	$200,000	Q4.S.B	Columbia University
Genomic imbalances at the 22q11 locus and predisposition to autism	$400,000	Q4.S.B	Columbia University
Transcranial magnetic stimulation (rTMS) for evaluation and treatment of repetitive behavior in subjects with autism spectrum disorders	$17,161	Q4.Other	Columbia University
Multi-registry analyses for iCARE - Data Management Core	$50,360	Q7.J	Columbia University
Cognitive mechanisms of serially organized behavior	$306,785	Other	Columbia University
Video game environments for the integrative study of perception, attention and social cognition in autism and autism sibs	$0	Q1.S.B	Cornell University
Dense mapping of candidate regions linked to autistic disorder	$5,028	Q3.L.B	Feinstein Institute for Medical Research
Research Center for the Study of Gene Structure and Function (supplement)	$299,668	Q3.L.B	Hunter College
Are neuronal defects in the cerebral cortex linked to autism?	$0	Q2.Other	Memorial Sloan-Kettering Cancer Center
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	$474,750	Q2.Other	Memorial Sloan-Kettering Cancer Center
The transcription factor PLZF: A possible genetic link between immune dysfunction and autism	$142,113	Q3.Other	Memorial Sloan-Kettering Cancer Center
BrainVision BrainAmp MR plus	$120,670	Q1.S.A	Mount Sinai School of Medicine
Autism Celloidin Library	$109,000	Q2.S.C	Mount Sinai School of Medicine
Autistic endophenotypes and their associations to oxytocin and cholesterol	$84,055	Q2.Other	Mount Sinai School of Medicine
Neural mechanisms of attentional networks in autism	$490	Q2.Other	Mount Sinai School of Medicine
Anterior cingulate and fronto-insular related brain networks in autism	$194,745	Q2.Other	Mount Sinai School of Medicine
fMRI study of self-produced tactile stimulation in autistic adolescents	$244	Q2.Other	Mount Sinai School of Medicine
Greater New York Autism Center of Excellence - Clinical Core	$1,224	Q2.Other	Mount Sinai School of Medicine

Project Title	Funding	Strategic Plan Objective	Institution
3/5-Elucidating the genetic architecture of autism by deep genomic sequencing	$571,568	Q3.S.A	Mount Sinai School of Medicine
Brain glutamate concentrations in autistic adolescents by MRS	$1,224	Q3.S.E	Mount Sinai School of Medicine
Autism Genome Project	$4,894	Q3.L.B	Mount Sinai School of Medicine
A preclinical model for determining the role of AVPR1A in autism spectrum disorders	$30,000	Q4.S.B	Mount Sinai School of Medicine
The role of SHANK3 in autism spectrum disorders	$360,000	Q4.S.B	Mount Sinai School of Medicine
Neural and behavioral outcomes of social skills groups in children with ASD	$287,798	Q4.S.F	Mount Sinai School of Medicine
Evaluating behavioral and neural effects of social skills intervention for school-age children with autism spectrum disorders	$60,000	Q4.S.F	Mount Sinai School of Medicine
Oxytocin vs. placebo on response inhibition and face processing in autism	$1,712	Q4.L.A	Mount Sinai School of Medicine
The effects of oxytocin on complex social cognition in autism spectrum disorders	$279,520	Q4.L.A	Mount Sinai School of Medicine
Intransal oxytocin in the treatment of autism	$2,202	Q4.L.A	Mount Sinai School of Medicine
Open label risperidone in children and adolescents with autistic disorder	$244	Q4.L.C	Mount Sinai School of Medicine
The NSSA Green Team	$8,744	Q5.L.B	Nassau Suffolk Services for Autism
Development of brain connectivity in autism	$312,916	Q2.Other	New York School of Medicine
Targeting the big three: Challenging behaviors, mealtime behaviors, and toileting	$23,732	Q5.L.C	New York State Institute for Basic Research
Identifying brain-based biomarkers for ASD & their biological subtypes	$1,206,925	Q2.Other	New York State Psychiatric Institute
Prenatal factors and risk of autism in a Finnish national birth cohort	$840,697	Q3.S.C	New York State Psychiatric Institute
Translation regulation in hippocampal LTP and LTD	$375,817	Q2.S.D	New York University
Synaptic plasticity, memory and social behavior	$50,054	Q4.S.B	New York University
Regulation of inflammatory Th17 cells in autism spectrum disorder	$150,000	Q2.S.A	New York University School of Medicine
Molecular components of A-type K+ channels	$352,538	Q2.S.E	New York University School of Medicine
Neural dissection of hyperactivity/inattention in autism	$1,179,863	Q2.S.E	New York University School of Medicine
Connectivity of anterior cingulate cortex networks in autism	$265,044	Q2.Other	New York University School of Medicine
The integration of interneurons into cortical microcircuits	$37,500	Q4.S.B	New York University School of Medicine
Placental vascular tree as biomarker of autism/ASD risk	$483,029	Q1.L.A	Research Foundation for Mental Hygiene, Inc.

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Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	$499,780	Q3.L.B	Research Foundation for Mental Hygiene, Inc.
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	$430,225	Q4.Other	State University of New York, Buffalo
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	$0	Q2.S.A	State University of New York at Potsdam
Social behavior deficits in autism: Role of amygdala	$93,500	Q2.Other	State University of New York Upstate Medical Center
The pathogenesis of autism: Maternal antibody exposure in the fetal brain	$0	Q2.S.A	The Feinstein Institute for Medical Research
The development and redevelopment of lexical and sublexical representations	$380,273	Q2.Other	The Research Foundation of the State University of New York
Serotonin, autism, and investigating cell types for CNS disorders	$90,000	Q4.S.B	The Rockefeller University
A proposal to define cells and circuits impacted in autism spectrum disorders	$162,544	Q4.S.B	The Rockefeller University
The creation of ASDRA (Autism Spectrum Disorder Risk Alert)	$968,717	Q1.S.A	Tiranoff Productions, LLC
Writing instruction for children with autism spectrum disorders: A study of self-regulation and strategy use	$30,000	Q4.S.C	University at Albany, State University of New York
Gastrointestinal functions in autism	$0	Q2.S.E	University at Buffalo, The State University of New York
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	$0	Q2.S.A	University of Rochester
Multisensory integration and temporal synchrony in autism	$34,176	Q2.Other	University of Rochester
Taste, smell, and feeding behavior in autism: A quantitative traits study	$592,498	Q2.Other	University of Rochester
Taste, smell, and feeding behavior in autism: A quantitative traits study (supplement)	$151,884	Q2.Other	University of Rochester
Neural basis of audiovisual integration during language comprehension in autism	$30,000	Q2.Other	University of Rochester
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	$0	Q3.S.E	University of Rochester
Autism in a fish eating population	$172,491	Q3.S.F	University of Rochester
2/3-Multisite RCT of early intervention for spoken communication in autism	$374,423	Q4.S.F	University of Rochester

Project Title	Funding	Strategic Plan Objective	Institution
3/3-Atomoxetine placebo and parent training in autism	$277,200	Q4.S.F	University of Rochester
Training rural providers in the assessment and treatment of emotional and behavioral disorders in autism	$24,002	Q5.L.A	University of Rochester
Misregulation of BDNF in autism spectrum disorders	$150,000	Q1.L.A	Weill Cornell Medical College
Systematic characterization of the immune response to gluten and casein in autism spectrum disorders	$126,432	Q1.Other	Weill Cornell Medical College